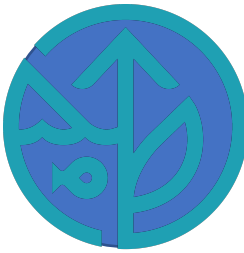


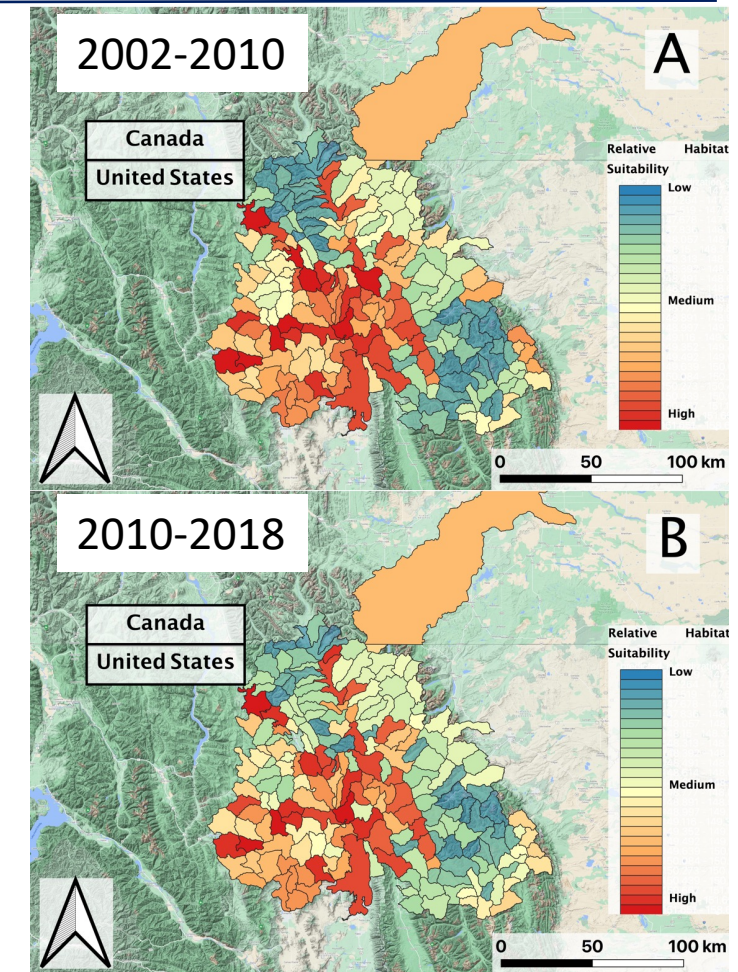
Hand–Predicting the Spread of Aquatic Invasive Species

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- We developed a machine learning model that uses remotely sensed environmental data to predict the spread and distribution of aquatic invasive species (AIS).
- We are working directly with the USGS and the nation's largest Nonindigenous Aquatic Species (NAS) to develop spread-risk models.
- We will highlight preliminary results from a Google Earth Engine machine learning tool that provides spatial prioritizations of spread risk to managers.



Modeling of AIS hybridization with native species in Northwestern Montana

AIS are a multi-billion dollar problem; remotely-sensed data can be combined with other technologies to model and predict their distribution to guide management.